AFOC Canada Inc
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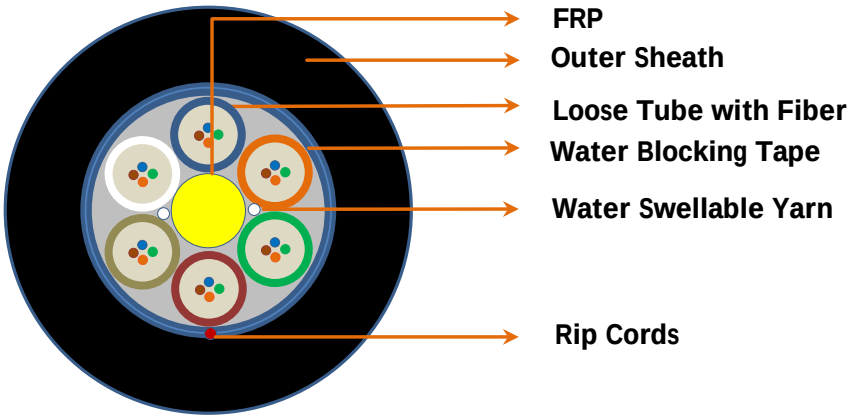
UN- ARMOURED CABLES

Construction Details

Un-Armoured Multitube cable with Single Jacket is suitable for duct applications. This cable is stranded Loose tube cable with Optic fibres are placed inside the robust buffer tube. Stranded around the fibre reinforced plastic (FRP) central strength member. Loose tubes contain water blocking jelly and cable core surrounded with water blocking tape to prevent water ingress in the interstices of cable core. The cable core surrounded with HDPE/LSZH jacket.

Product Applications

These cables are typically used for Outside plant applications, including duct and lashed aerial in harsh environments. They can be installed in Ducts with either pulling, trenching or blowing technics.



Features

- Tensile and crush resistance.
- Minimize the fiber strain due to reversal oscillating (SZ) stranding.
- Multiple designs with ripcords with easy and quick mid span access.
- Flexible, Light weight, easy to handle & install.
- Water Blocking technology for gel free core helps in the quicker and preparations.
- UV Protected.
- Tightly controlled Physical Parameters.
- Combinations of all types if fibers are available on request.

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Specifications

Fiber Count	No. of fibers per Tube	No. of Elements	Cable Diameter (mm)	Cable Weight (Kg/Km) Nominal	Tensile Strength (N)	Crush Resistance (N/10cm)
04F	2	6	9.5 ± 0.8	70	1000	2000
06F	2	6	9.5 ± 0.8	70	1000	2000
08F	4	6	9.5 ± 0.8	70	1000	2000
12F	4	6	9.5 ± 0.8	70	1000	2000
24F	4	6	9.5 ± 0.8	71	1000	2000
48F	8	6	10.7 ± 0.8	84	1000	2000
96F	12	8	12.0 ± 1.0	113	1000	2000

Environmental Specifications(Temperature)

Operation and Storage: -40ºC to +70ºC

Installation: -20ºC to +70ºC

Standards Compliant

- ITU-T
- IEC 60793 & 60794
- Telcordia GR-20
- EIA/TIA

Product Options

- Available with all kinds of Single Mode and Multimode Fibres.
- Length Option of 2.0, 4.0 Km.

Ordering Code : CTS-FOC-UAC-XXX-YYY-KM

- XXX = OS1, OS2, OM1, OM2, OM3, OM4 (Type of Fiber)
- YYY = 04F, 06F, 08F, 12F, 24F, 48F & 96F (No. of Fibers)
- KM = Length in Kilo Meters (Example: 20 for 2 Kilo Meters)